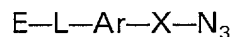


1. An organic azide compound having the formula:



wherein Ar is an aromatic or a heteroaromatic radical derived from the group consisting of benzenes, polyfluorobenzenes, naphthalenes, naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes, naphthacenediones, pyridines, quinolines, isoquinolines, indoles, isoindoles, pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles, benzofurans, dibenzofurans, carbazoles, acridines, acridones, phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes, xanthenes, xanthones, flavones, coumarins, and anthacylines;

E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, steroid receptor binding molecules, and carbohydrate receptor binding molecules;

L is selected from the group consisting of  $-(\text{CH}_2)_a-$ ,  $-(\text{CH}_2)_b\text{CONR}^1-$ ,  $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$ ,  $-\text{OCO}(\text{CH}_2)_d-$ ,  $-(\text{CH}_2)_e\text{CO}_2-$ ,  $-\text{OCONH}-$ ,  $-\text{OCO}_2-$ ,  $-\text{HNCONH}-$ ,  $-\text{HNCSNH}-$ ,  $-\text{HNNHCO}-$ ,  $-\text{OSO}_2-$ ,  $-\text{NR}^3(\text{CH}_2)_e\text{CONR}^4-$ ,  $-\text{CONR}^5(\text{CH}_2)_f\text{NR}^6\text{CO}-$ , and  $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$ ;

X is either a single bond or is selected from the group consisting of  $-(\text{CH}_2)_h-$ ,  $-\text{OCO}-$ ,  $-\text{HNCO}-$ ,  $-(\text{CH}_2)_i\text{CO}-$ , and  $-(\text{CH}_2)_j\text{OCO}-$ ;

R<sup>1</sup> to R<sup>8</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, -OH, C1-C10 polyhydroxyalkyl, C1-C10 alkoxyl, C1-C10 alkoxyalkyl, -SO<sub>3</sub>H, -(CH<sub>2</sub>)<sub>k</sub>CO<sub>2</sub>H, and -(CH<sub>2</sub>)<sub>l</sub>NR<sup>9</sup>R<sup>10</sup>;

25 R<sup>9</sup> and R<sup>10</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10 polyhydroxyalkyl; and

subscripts a to l independently range from 0 to 10.

2. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from polyfluorobenzenes; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules,

5 bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of -(CH<sub>2</sub>)<sub>b</sub>CONR<sup>1</sup>-, -N(R<sup>2</sup>)CO(CH<sub>2</sub>)<sub>c</sub>-, -OCO(CH<sub>2</sub>)<sub>d</sub>-, -(CH<sub>2</sub>)<sub>e</sub>CO<sub>2</sub>-, -HNCONH-, -HNCSNH-, and -NR<sup>7</sup>CO(CH<sub>2</sub>)<sub>g</sub>CONR<sup>8</sup>-; X is either a single bond or is selected from the group consisting of -(CH<sub>2</sub>)<sub>h</sub>-, -OCO-, -(CH<sub>2</sub>)<sub>i</sub>CO-, and -(CH<sub>2</sub>)<sub>j</sub>OCO-.,

10 R<sup>1</sup>, R<sup>2</sup>, R<sup>7</sup> and R<sup>8</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, -(CH<sub>2</sub>)<sub>k</sub>CO<sub>2</sub>H, and -(CH<sub>2</sub>)<sub>l</sub>NR<sup>9</sup>R<sup>10</sup>; R<sup>9</sup> and R<sup>10</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

3. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from anthraquinones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of -  
5  $(\text{CH}_2)_b\text{CONR}^1-$ ,  $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$ ,  $-\text{OCO}(\text{CH}_2)_d-$ ,  $-(\text{CH}_2)_e\text{CO}_2-$ ,  $-\text{HNCONH}-$ ,  $-\text{HNCSNH}-$ , and  $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$ ; X is either a single bond or is selected from the group consisting of  $-(\text{CH}_2)_h-$ ,  $-\text{OCO}-$ ,  $-(\text{CH}_2)_i\text{CO}-$ , and  $-(\text{CH}_2)_j\text{OCO}-$ ,  
10  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^7$  and  $\text{R}^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(\text{CH}_2)_k\text{CO}_2\text{H}$ , and  $-(\text{CH}_2)_l\text{NR}^9\text{R}^{10}$ ;  $\text{R}^9$  and  $\text{R}^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

4. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from naphthacenediones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules,  
5 bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(\text{CH}_2)_b\text{CONR}^1-$ ,  $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$ ,  $-\text{OCO}(\text{CH}_2)_d-$ ,  $-(\text{CH}_2)_e\text{CO}_2-$ ,  $-\text{HNCONH}-$ ,  $-\text{HNCSNH}-$ , and  $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$ ; X is either a single bond or is selected

from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,

- 10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

5. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from indoles; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor
- 5 binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  $R^1$ ,  $R^2$ ,  $R^7$  and
- 10  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

6. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from acridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ;  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

7. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from acridones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group

consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  $R^1$ ,  $R^2$ ,  $R^7$  and  
10  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$   
and  $R^{10}$  are independently selected from the group consisting of hydrogen,  
C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j  
independently range from 0 to 6.

8. The compound of claim 1 wherein Ar is an aromatic or  
heteroaromatic radical derived from phenanthridines; E is selected from the  
group consisting of somatostatin receptor binding molecules, ST receptor  
binding molecules, neurotensin receptor binding molecules, bombesin  
5 receptor binding molecules, CCK receptor binding molecules, and steroid  
receptor binding molecules; L is selected from the group consisting of -  
 $(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ , -  
 $HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected  
from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  
10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of  
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and -  
 $(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group  
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and  
subscripts b-e and g-j independently range from 0 to 6.

9. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from xanthenes; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ;  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

10. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from anthracyclines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected

from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,

- 10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.



11. A method of performing a phototherapeutic procedure which comprises:

(a) administering an effective amount of an organic azide photosensitizer having the formula



wherein Ar is an aromatic or a heteroaromatic radical derived from the group consisting of benzenes, polyfluorobenzenes, naphthalenes, naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes, naphthacenediones, pyridines, quinolines, isoquinolines, indoles, isoindoles, pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles, benzofurans, dibenzofurans, carbazoles, acridines, acridones, phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes, xanthenes, xanthones, flavones, coumarins, and anthacylines; E is a hydrogen atom or is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, steroid receptor binding molecules, and carbohydrate receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_a-$ ,  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-OCONH-$ ,  $-OCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ ,  $-HNNHCO-$ ,  $-OSO_2-$ ,  $-NR^3(CH_2)_eCONR^4-$ ,  $-CONR^5(CH_2)_fNR^6CO-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is

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either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-$   
 $OCO-$ ,  $-HNCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ;  $R^1$  to  $R^8$  are independently  
25 selected from the group consisting of hydrogen, C1-C10 alkyl,  $-OH$ , C1-C10  
polyhydroxyalkyl, C1-C10 alkoxy, C1-C10 alkoxyalkyl,  $-SO_3H$ ,  $-(CH_2)_kCO_2H$ ,  
and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group  
consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10  
polyhydroxyalkyl; and subscripts a to l independently range from 0 to 10;

30 (b) allowing said photosensitizer to accumulate in target tissue;  
and

(c) exposing said target tissues with the light of wavelength  
between 300 and 950 nm with sufficient power and fluence rate to perform  
the phototherapeutic procedure.

12. The method of claim 11, wherein Ar is an aromatic or  
heteroaromatic radical derived from polyfluorobenzenes; E is selected from  
the group consisting of somatostatin receptor binding molecules, ST  
receptor binding molecules, neurotensin receptor binding molecules,  
5 bombesin receptor binding molecules, CCK receptor binding molecules, and  
steroid receptor binding molecules; L is selected from the group consisting  
of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-$   
 $HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected  
from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  
10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of

hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

13. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from anthraquinones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ .
- 10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

14. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from naphthacenediones; E is selected from the group consisting of somatostatin receptor binding molecules, ST

receptor binding molecules, neurotensin receptor binding molecules,  
 5 bombesin receptor binding molecules, CCK receptor binding molecules, and  
 steroid receptor binding molecules; L is selected from the group consisting  
 of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-$   
 $HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected  
 from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  
 10  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of  
 hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-$   
 $(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group  
 consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and  
 subscripts b-e and g-j independently range from 0 to 6.

15. The method of claim 11, wherein Ar is an aromatic or  
 heteroaromatic radical derived from indoles; E is selected from the group  
 consisting of somatostatin receptor binding molecules, ST receptor binding  
 molecules, neurotensin receptor binding molecules, bombesin receptor  
 5 binding molecules, CCK receptor binding molecules, and steroid receptor  
 binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  
 $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-$   
 $NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group  
 consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  $R^1$ ,  $R^2$ ,  $R^7$  and  
 10  $R^8$  are independently selected from the group consisting of hydrogen, C1-  
 C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$

and R<sup>10</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

16. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from acridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of -(CH<sub>2</sub>)<sub>b</sub>CONR<sup>1</sup>-, -N(R<sup>2</sup>)CO(CH<sub>2</sub>)<sub>c</sub>-, -OCO(CH<sub>2</sub>)<sub>d</sub>-, -(CH<sub>2</sub>)<sub>e</sub>CO<sub>2</sub>-, -HNCONH-, -HNCSNH-, and -NR<sup>7</sup>CO(CH<sub>2</sub>)<sub>g</sub>CONR<sup>8</sup>-; X is either a single bond or is selected from the group consisting of -(CH<sub>2</sub>)<sub>h</sub>-, -OCO-, -(CH<sub>2</sub>)<sub>i</sub>CO-, and -(CH<sub>2</sub>)<sub>j</sub>OCO-, R<sup>1</sup>, R<sup>2</sup>, R<sup>7</sup> and R<sup>8</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, -(CH<sub>2</sub>)<sub>k</sub>CO<sub>2</sub>H, and -(CH<sub>2</sub>)<sub>l</sub>NR<sup>9</sup>R<sup>10</sup>; R<sup>9</sup> and R<sup>10</sup> are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

17. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from acridones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor

- 5 binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.
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18. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from phenanthridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ,  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$  and  $R^{10}$  are independently selected from the group
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consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and  
subscripts b-e and g-j independently range from 0 to 6.

19. The method of claim 11, wherein Ar is an aromatic or  
heteroaromatic radical derived from xanthenes; E is selected from the group  
consisting of somatostatin receptor binding molecules, ST receptor binding  
molecules, neurotensin receptor binding molecules, bombesin receptor  
5 binding molecules, CCK receptor binding molecules, and steroid receptor  
binding molecules; L is selected from the group consisting of  $-(CH_2)_bCONR^1-$ ,  
 $-N(R^2)CO(CH_2)_c-$ ,  $-OCO(CH_2)_d-$ ,  $-(CH_2)_eCO_2-$ ,  $-HNCONH-$ ,  $-HNCSNH-$ , and  $-$   
 $NR^7CO(CH_2)_gCONR^8-$ ; X is either a single bond or is selected from the group  
consisting of  $-(CH_2)_h-$ ,  $-OCO-$ ,  $-(CH_2)_iCO-$ , and  $-(CH_2)_jOCO-$ ;  $R^1$ ,  $R^2$ ,  $R^7$  and  
10  $R^8$  are independently selected from the group consisting of hydrogen, C1-  
C10 alkyl, C1-C10 polyhydroxyalkyl,  $-(CH_2)_kCO_2H$ , and  $-(CH_2)_lNR^9R^{10}$ ;  $R^9$   
and  $R^{10}$  are independently selected from the group consisting of hydrogen,  
C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j  
independently range from 0 to 6.

20. The method of claim 11, wherein Ar is an aromatic or  
heteroaromatic radical derived from anthracyclines; E is selected from the  
group consisting of somatostatin receptor binding molecules, ST receptor  
binding molecules, neurotensin receptor binding molecules, bombesin  
5 receptor binding molecules, CCK receptor binding molecules, and steroid

- receptor binding molecules; L is selected from the group consisting of -  
(CH<sub>2</sub>)<sub>b</sub>CONR<sup>1</sup>-, -N(R<sup>2</sup>)CO(CH<sub>2</sub>)<sub>c</sub>-, -OCO(CH<sub>2</sub>)<sub>d</sub>-, -(CH<sub>2</sub>)<sub>e</sub>CO<sub>2</sub>-, -HNCONH-, -  
HNCSNH-, and -NR<sup>7</sup>CO(CH<sub>2</sub>)<sub>g</sub>CONR<sup>8</sup>-; X is either a single bond or is selected  
10 from the group consisting of -(CH<sub>2</sub>)<sub>h</sub>-, -OCO-, -(CH<sub>2</sub>)<sub>i</sub>CO-, and -(CH<sub>2</sub>)<sub>j</sub>OCO-.,  
R<sup>1</sup>, R<sup>2</sup>, R<sup>7</sup> and R<sup>8</sup> are independently selected from the group consisting of  
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, -(CH<sub>2</sub>)<sub>k</sub>CO<sub>2</sub>H, and -  
(CH<sub>2</sub>)<sub>l</sub>NR<sup>9</sup>R<sup>10</sup>; R<sup>9</sup> and R<sup>10</sup> are independently selected from the group  
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and  
15 subscripts b-e and g-j independently range from 0 to 6.